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(71)Applicant : TOYOBO CO LTD

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(72)Inventor : TAKI HIROSHI

(54) ACTIVE ENERGY RAY-CURABLE ADHESIVE

(57)Abstract:

PURPOSE: To obtain the active energy ray-curable adhesive excellent in curability with the active energy rays and further excellent in adhesive strength to substrates, flexibility, weather resistance, water resistance and chemical resistance.

CONSTITUTION: The active energy ray-curable adhesive contains (A) an urethane acrylate obtained by reacting the below-described components (1)-(3) with each other, containing the repeating units of the component (1) in a repeating unit number of ≥ 2 , having 3-11 urethane bond groups and/or urea bond groups per the constituting unit of the component (1), and having a molwt. of 1000-20000, and (B) a polymerizable monomer having a molwt. of < 500 . (1) A copolyesterpolyol containing an aromatic dicarboxylic acid in an amount of $\geq 40\text{mol}\%$ and having a mol. wt. of 1000-10000. (2) A polyisocyanate compound. (3) A compound having one or more (meth)acryloyloxy groups and one or more hydroxyl groups.

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